

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

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| SECTION 1 - PRODUCT IDENTIFICATION | | | |
| Trade Name KARPEX LIQUID MULTI-PURPOSE DEFOAMER | | Product Type Defoamer | |
| SECTION 2 - HAZARDOUS INGREDIENTS | | | |
| CHEMICAL NAME/COMMON NAME | CAS NO. | PERCENT(optional) | TLV(Source) |
| Dimethylpolysiloxane | 63148-62-9 | | Not Established |
| Nonylphenolpolyethoxyethanol | 9016-45-9 | | Not Established |
| | | | |
| Other ingredients in this product are : <input checked="" type="checkbox"/> Less than 1% by weight or less than 0.1% for carcinogens <input checked="" type="checkbox"/> Not hazardous <input checked="" type="checkbox"/> Declared to be Trade Secret | | | |
| SECTION 3 - PHYSICAL DATA | | | |
| Boiling point(°F.) | Near 212 | Specific Gravity(H2O=1.0) (± 0.005) | 1.000 |
| | | pH (± 0.5) | 11.0 |
| Vapor Pressure(mm Hg) | Unknown | Vapor Density(Air=1) | Unknown |
| Solubility in water | <input type="checkbox"/> Complete <input type="checkbox"/> Insoluble | <input checked="" type="checkbox"/> Emulsifiable (or Dispersible) | <input type="checkbox"/> Slight (or Partial) |
| Evaporation Rate(vs. H2O) | <input type="checkbox"/> Faster <input type="checkbox"/> Slower | <input checked="" type="checkbox"/> About the Same | |
| Appearance and Odor | Milky Liquid, Practically Odorless. | | |
| SECTION 4 - FIRE AND EXPLOSION HAZARD DATA | | | |
| Flash Point(T.C.C.) | °F. <input checked="" type="checkbox"/> None to Boiling | Flammable Limits Upper | Unknown Lower Unknown |
| Extinguishing Media | CO2, dry chemical, foam, water spray. | | |
| Special Firefighting Procedures | Do not enter confined fire-spaces without protective clothing and self-contained air supply. | | |
| Unusual Fire and Explosion Hazards | None known. | | |
| SECTION 5 - REACTIVITY DATA | | | |
| Stability | Stable | Incompatibility | Strong oxidizers |
| Hazardous Decomposition Products | Carbon monoxide and other unidentified organic gases may occur during incomplete combustion. | | |
| SECTION 6 - HEALTH HAZARDS | | | |
| Primary Routes of Exposure | <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other | | |
| Signs and Symptoms of Overexposure (Acute) | Prolonged or repeated contact of concentrated product with eyes will cause irritation and reddening. May cause skin irritation with certain individuals. Ingestion of this product may cause exposed person to vomit and may result in some diarrhea. | | |
| Signs and Symptoms of Overexposure(Chronic) | None known | | |
| Medical Conditions Aggravated by Overexposure | None known | Carcinogen/Suspect Carcinogen Ingredients | <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE |
| SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES | | | |
| Eyes | Flush immediately with water for at least 15 minutes. If persistent irritation occurs, call a physician. | | |
| Skin | Not applicable | | |
| Ingestion | Drink large quantities of milk or water. Call a physician. | | |
| Inhalation | Not applicable | | |
| SECTION 8 - SPECIAL PROTECTION INFORMATION | | | |
| Respiratory Protection | Not needed under normal conditions of use. | | |
| Ventilation Requirements | <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other | | |
| Protective Gloves | Not required. | Eye Protection | Safety glasses/goggles |
| Other Protective Clothing | Not required for normal use | | |
| SECTION 9 - SPILL OR LEAK PROCEDURES | | | |
| Steps to be Taken if Released or Spilled | Dilute with much water and flush to drain. | | |
| Waste Disposal Methods | Dispose of in accordance with applicable Federal, State and Local ordinances. | | |
| SECTION 10 - STORAGE AND HANDLING INFORMATION | | | |
| Precautions to be Taken in Handling and Storage | Do not get in eyes. | | |

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product,if diluted, under conditions of ordinary use.